

Work Order ID 109395

109395

Page 1

November-21-13 2:14:35 PM

Item ID: D350-607-511

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Quick Release Basket Mounting Spacepod™ & Squirrel Cheek Fits LH or RH

Start Date: 11/21/13 Start Qty: 2.00 ***2***

Cust Item ID:

Required Date: 11/21/13 Req'd Qty: 2.00 ***2***

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 13-11-25 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***
Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|---|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr | Revision Nbr | | | | | | | | |
| D350-607-3 | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z | | | | | | | | |
| 100 | DOCUMENT CONTROL | 0.00 | | | | | | | |
| *100* | | | | | | | | | |
| DC | Memo <u>M. 10</u> | 0.00 | | | | | | | |
| Document Control | Photocopy bluefile & type labels per PPPD350-607-511 CHG003 | | | | | | | | |
| | | | | | | | | | |
| 140 | Pick Kit | 0.00 | | | | | | | |
| *140* | | | | | | | | | |
| Packaging | Memo | 0.00 | | | | | | | |
| Packaging | | | | | | | | | |
| | | | | | | | | | |
| 150 | QC4- 100% Inspect kits for completeness | 0.00 | | | | | | | |
| *150* | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

DAS
31
9-89

14-02-10 (2x) mha

4 per ECW 13-672

2x DAS 28 9-89 14-01-8

DAS 31 9-89 14-02-10 (2x)

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube <input type="checkbox"/></td> <td style="width:15%;">Crosstube <input type="checkbox"/></td> <td style="width:15%;">Water Jet <input type="checkbox"/></td> <td style="width:15%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | |
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| Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | | | | | | | | | | | | | |
| Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | |

| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|--|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design <input type="checkbox"/> | | | | | | | | | |
| Doc/Data <input type="checkbox"/> | | | | | | | | | |
| Equip/Tooling <input type="checkbox"/> | | | | | | | | | |
| Handling/Pre <input type="checkbox"/> | | | | | | | | | |
| Material <input type="checkbox"/> | | | | | | | | | |
| Operator <input type="checkbox"/> | | | | | | | | | |
| Offset/Setup <input type="checkbox"/> | | | | | | | | | |
| Process <input type="checkbox"/> | | | | | | | | | |
| Supplier <input type="checkbox"/> | | | | | | | | | |
| Training <input type="checkbox"/> | | | | | | | | | |
| Transport <input type="checkbox"/> | | | | | | | | | |
| Unapproved <input type="checkbox"/> | | | | | | | | | |

FAULT CATEGORY

| | | |
|--|--|---|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence |
| | | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge |
| | | <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |

Work Order ID 109395

109395

Page 2

November-21-13 2:14:35 PM

Item ID: D350-607-511

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Quick Release Basket Mounting Spacepod™ & Squirrel Cheek Fits LH or RH

Start Date: 11/21/13 Start Qty: 2.00 *2*

Cust Item ID:

Required Date: 11/21/13 Req'd Qty: 2.00 *2*

Customer:

Reference:


Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| 160 | | 0.00 | | | | | | | DAS |
| *160* | Packaging | | | | | 2x | 14-2-10 | | 6 9-89 |
| Packaging | Memo | 0.00 | | | | | | | |
| Packaging | Identify and pack for shipping as per PPP D350-607-511 | | | | | | | | |
| | Location: PK15 | | | | | | | | |
| 170 | QC21- Final Inspection - Work Order Release | 0.00 | | | | | | | |
| *170* | | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |

MLJ 14-02-11

 14-02-11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | |
|--|--|--|--|--|---|--|
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|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design | | | | | | | | | |
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| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | | |
|--|--|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|--|--|---|--|

Picklist Print

November-21-13 2:14:34 PM

Page 1

Work Order ID: 109395

Parent Item: D350-607-511

Start Date: 11/21/13

Required Date: 11/21/13

Parent Item Name: Quick Release Basket Mounting Spacepod™ & Squirrel Cheek Fits LH or RH

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 10-06-28 JLM VERIFIED BY: LL

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

D3910-3

X-Tube Lug

Manufactured No

140 Each 6.0000

2

48

28
9-89

14-01-8

DAS
31
9-89

Location

Loc Qty

Loc Code

ST464

6

106273

6

B105941

D3984

Rubber Extrusion, X-Tube, Per Foot

Manufactured No

140 f 114.0010

2

4

DAS
28
9-89

Location

Loc Qty

Loc Code

ST408

14

103101

14

ST411

100.001

107420

100

53707

0.001

4x

cut (8) x 3"

DAS
31
9-89

D4148-041

Ewd-X-Tube Lug Ass'Y

Manufactured No

140 Each 5.0000

1

2

DAS
28
9-89

Location

Loc Qty

Loc Code

ST460

5

105862

3

106853

2

B109547 (1x)

D4149-041

Aft X-Tube Lug Ass'Y

Manufactured No

140 Each 1.0000

1

2

DAS
28
9-89

Location

Loc Qty

Loc Code

ST460

1

106862

1

B108483

DAS
31
9-89

DAS
31
9-89

Batch: 110549

4x

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
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| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design | | | | | | | | | |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | | |
|--|--|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|--|--|---|--|

Picklist Print

November-21-13 2:14:35 PM

Page 2

Work Order ID: 109395

Parent Item: D350-607-511

Parent Item Name: Quick Release Basket Mounting Spacepod™ & Squirrel Cheek Fits LH or RH

Start Date: 11/21/13

Required Date: 11/21/13

Start Qty: 2.00

Required Qty: 2.00

AN4-14A
Bolt

Purchased

No

140

Each

305.0000

16-30 40 32
9-89

DAS
28
9-89

14-01-8

DAS
6
9-89

DAS
31
9-89

Location

Loc Qty

Loc Code

| | | |
|---------|-----|--|
| FG | 5 | |
| 122141 | 5 | |
| ST007 | 16 | |
| 121349 | 16 | |
| ST357 | 18 | |
| 115374 | 1 | |
| 123352 | 5 | |
| M117873 | 12 | |
| ST514 | 1 | |
| M126105 | 1 | |
| ST515 | 245 | |
| M127044 | 245 | |
| ST517 | 20 | |
| 124221 | 20 | |

DAS
31
9-89

D3501-1x-8 per Kit #104369

D350775-041x12 per Kit #112765 4x 11/10

D3504776-3x12 per Kit #110551 4x

D350114-42A x 4 per Kit #1126978

D350116-13A x 12 per Kit #118106

D3501210426 x 2 per Kit #1127304

D3501149F0603P x 4 per Kit #1126083

DAS
31
9-89

Shop Packet Print

November-21-13 2:14:35 PM

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
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| Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | | | | | | | | | | | | | |
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| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
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| Design | | | | | | | | | |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | | |
|--|--|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|--|--|---|--|

Picklist Print

November-21-13 2:14:35 PM

Page 3

Work Order ID: 109395

Parent Item: D350-607-511

Parent Item Name: Quick Release Basket Mounting Spacepod™ & Squirrel Cheek Fits LH or RH

Start Date: 11/21/13

Required Date: 11/21/13

Start Qty: 2.00

Required Qty: 2.00

MS21042L4
Locknut

Purchased

No

140

Each

5,221.0000

~~1624~~ 32 48- **DAS** 14-01-89

DAS
28
9-89

MF
per ECN.
13-672

Location

Loc Qty

Loc Code

| | | |
|---------|------|--|
| FP001 | 84 | |
| 122452 | 38 | |
| 8182 | 12 | |
| m117441 | 12 | |
| m119017 | 6 | |
| m121444 | 16 | |
| ST314 | 9 | |
| m125708 | 9 | |
| st507 | 33 | |
| m126073 | 33 | |
| ST509 | 4764 | |
| m123376 | 2000 | |
| m126275 | 856 | |
| m127255 | 1908 | |
| ST510a | 173 | |
| m126333 | 173 | |
| ST518 | 158 | |
| 124231 | 158 | |

127376

DAS
31
9-89

DAS
31
9-89

NAS1149F0432P
WASHER

Purchased

No

140

Each

929.0000

~~40~~ 32 80- MF

DAS
28
9-89

Location

Loc Qty

Loc Code

| | | |
|---------|-----|--|
| ST139 | 28 | |
| M121350 | 28 | |
| ST510a | 901 | |
| M126221 | 901 | |

64

DAS
31
9-89

November-21-13 2:14:35 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

| | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|--------------------------------------|--|--|------------------------------------|------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--|----------------------------------|--|------------------------------------|--|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____ Part No. _____ NCR No. _____ | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/> | AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> | | | | Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | |
| Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | | | | | | | | | | | | | | | | |
| Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | |

| Root Cause | Date | Step | Qty | Description of work order update or non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
|---------------|------|------|-----|---|-------------------|--------------------|-------------|--------------|--------------|
| Design | | | | | | | | | |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Handling/Pre | | | | | | | | | |
| Material | | | | | | | | | |
| Operator | | | | | | | | | |
| Offset/Setup | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Transport | | | | | | | | | |
| Unapproved | | | | | | | | | |

FAULT CATEGORY

| | | | |
|--|--|---|--|
| Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function | <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence | <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other |
|--|--|---|--|

14-02-10

5.0 PARTS LIST

| QTY -541 | QTY -543 | QTY -545 | QTY -547 | QTY -511 | QTY -501 | PART NUMBER | DESCRIPTION |
|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-----------------------------------|
| X | | | | | | D350-607-541 | HELI-UTILITY-BASKET |
| | X | | | | | D350-607-543 | HELI-UTILITY-BASKET |
| | | X | | | | D350-607-545 | HELI-UTILITY-BASKET |
| | | | X | | | D350-607-547 | HELI-UTILITY-BASKET |
| 1 | 1 | 1 | 1 | X | | D350-607-511 | QUICK RELEASE BASKET MOUNTING KIT |
| | | | | | X | D350-607-501 | CONVERSION KIT |
| 1 | 1 | 1 | 1 | | 1 | D2690-6 | LANYARD |
| | | | | 8 | 8 | D3501-1 | BUSHING |
| | | | | 2 | 2 | D3910-3 | X-TUBE LUG |
| | | | | 2 | 2 | D3910-5 | X-TUBE LUG |
| 1 | 1 | 1 | 1 | | 1 | D3912-041 | EYEBOLT RECEIVER ASSY |
| | | | | 8 | 8 | D3984-030 | RUBBER EXTRUSION, X-TUBE |
| 1 | | | | | | D4030-041 | LONG BASKET ASSY |
| | 1 | | | | | D4030-043 | LONG BASKET ASSY, LIGHTWEIGHT |
| | | 1 | | | | D4032-041 | SHORT BASKET ASSY |
| | | | 1 | | | D4032-043 | SHORT BASKET ASSY, LIGHTWEIGHT |
| 1 | | | | | 1 | D4917-300 | PLACARD, MAX LOAD |
| 1 | | | | | | D4086-200 | PLACARD, MAX LOAD |
| | 1 | | | | 1 | D4917-315 | PLACARD, MAX LOAD |
| | 1 | | | | | D4086-215 | PLACARD, MAX LOAD |
| | | 1 | | | 1 | D4917-320 | PLACARD, MAX LOAD |
| | | 1 | | | | D4086-220 | PLACARD, MAX LOAD |
| | | | 1 | | 1 | D4917-332 | PLACARD, MAX LOAD |
| | | | 1 | | | D4086-232 | PLACARD, MAX LOAD |
| | | | | 1 | 1 | D4148-041 | FWD X-TUBE LUG ASSY |
| | | | | 1 | 1 | D4149-041 | AFT X-TUBE LUG ASSY |
| 1 | 1 | 1 | 1 | | 1 | D4150-041 | ATTACHMENT ARM ASSY |
| 1 | 1 | 1 | 1 | | 1 | D4151-041 | BASKET FWD HARDPOINT ASSY (LOWER) |
| 1 | 1 | 1 | 1 | | 1 | D4151-043 | BASKET FWD HARDPOINT ASSY (UPPER) |
| | | | | 2 | 2 | D4775-041 | STRUT ASSEMBLY |
| | | | | 2 | 2 | D4776-3 | SKIDTUBE CLEVIS |
| 6 | 6 | 6 | 6 | | 6 | AN4-13A | BOLT |
| | | | | 20 | 22 | AN4-14A | BOLT |
| | | | | 4 | 4 | AN4-42A | BOLT |
| 1 | 1 | 1 | 1 | | 1 | AN4C15 | BOLT |
| 1 | 1 | 1 | 1 | | 1 | AN310C4 | CASTELLATED NUT |
| | | | | 2 | 2 | AN6-13A | BOLT |
| 1 | 1 | 1 | 1 | | 1 | MS17984-C413 | QUICK RELEASE PIN |
| 6 | 6 | 6 | 6 | 24 | 32 | MS21042L4 | NUT (OR MS21042-4) |
| | | | | 2 | 2 | MS21042L6 | NUT |
| 1 | 1 | 1 | 1 | | 1 | MS24665-151 | COTTER PIN |
| 2 | 2 | 2 | 2 | | 2 | NAS1515H4L | WASHER |
| 12 | 12 | 12 | 12 | 40 | 56 | NAS1149F0432P | WASHER |
| 3 | 3 | 3 | 3 | | 3 | NAS1149C0463R | WASHER |
| | | | | 4 | 4 | NAS1149F0663P | WASHER |